

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1-22, 27, 30, 32, 33 and 35-38 as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A liquid crystal display (LCD), comprising:
a plurality of gate lines formed on a substrate;
a plurality of data lines insulated from and crossing over ~~said~~ the plurality of gate lines;
a plurality of pixel regions defined by the crossing of ~~said~~ the plurality of gate lines and
~~said~~ the plurality of data lines;
a semiconductor layer comprising a semiconductor pattern and a light interception pattern
~~formed~~ disposed on a single plane ~~the same layer~~;
a common electrode formed in each pixel region on the substrate;
a pixel electrode formed in each pixel region, spaced apart from ~~said~~ the common
electrode with a predetermined distance therebetween; and
a thin film transistor provided to each pixel region and including the semiconductor
pattern.

2. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein ~~said~~ the
light interception pattern and ~~said~~ the data line corresponding thereto overlap each other, and
~~said~~ the light interception pattern and ~~said~~ the common electrode or ~~said~~ the pixel electrode close
to ~~said~~ the data line corresponding thereto overlap each other.

3. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein ~~said the~~ light interception pattern and a common electrode or a pixel electrode of a neighboring pixel region overlap each other.

4. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein the semiconductor pattern is connected to ~~said the~~ light interception pattern corresponding thereto.

5. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein the semiconductor pattern is extended to ~~said the~~ data line corresponding thereto.

6. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein the light interception pattern is extended beyond a periphery of ~~said the~~ data line corresponding thereto.

7. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein ~~said the~~ common electrode is formed on the same plane as ~~said the~~ plurality of gate lines.

8. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein ~~said the~~ pixel electrode is formed on the same plane as ~~said the~~ plurality of data lines.

9. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 1, wherein ~~said the~~ pixel electrode is formed on the plane different from ~~said the~~ plurality of data lines.

10. (Currently Amended) A liquid crystal display (LCD), comprising:
an insulating substrate;
a gate line assembly formed on ~~said~~ the substrate and comprising a plurality of gate lines,
and a plurality of gate electrodes connected to the gate lines;
a common electrode formed on the substrate and separated from ~~said~~ the gate line
assembly;
a gate insulating layer covering ~~said~~ the gate line assembly and ~~said~~ the common
electrode;
a semiconductor pattern formed on the gate insulating layer over the gate electrodes;
a light interception pattern formed on the gate insulating layer and formed of the same
material as ~~said~~ the semiconductor pattern;
a data line assembly comprising:
a source electrode and a drain electrode formed on ~~said~~ the semiconductor pattern,
and
a plurality of data lines connected to the source electrode and crossing over ~~said~~
the plurality of gate lines to define a pixel region; and
a pixel electrode formed in the pixel region and alternatively located side by side with the
common electrode, wherein the pixel electrode is coupled to the drain electrode.

11. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 10, wherein ~~said~~
the light interception pattern and the data line corresponding thereto overlap each other, and ~~said~~
the light interception pattern and the common electrode or the pixel electrode close to the data
line corresponding thereto overlap each other.

12. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 10, wherein ~~said~~ the light interception pattern and ~~said~~ the common electrode or ~~said~~ the pixel electrode of a neighboring pixel region overlap each other.

13. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 10, wherein ~~said~~ the semiconductor pattern is connected to ~~said~~ the light interception pattern corresponding thereto.

14. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 13, wherein the semiconductor pattern is extended to the data line corresponding thereto.

15. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 14, wherein ~~said~~ the light interception pattern is extended beyond a periphery of the data line corresponding thereto.

16. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 14, wherein ~~said~~ the semiconductor pattern has the same shape as the data line except for a channel portion between the source electrode and the drain electrode.

17. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 10, wherein ~~said~~ the pixel electrode is formed on the same plane as the plurality of data lines.

18. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 17, wherein ~~said~~ the semiconductor pattern is extended to ~~said~~ the pixel electrode.

19. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 10, further comprising a protective layer covering ~~said~~ the data line assembly and having a contact hole, wherein ~~said~~ the pixel electrode is formed on the protective layer and connected to the drain electrode through the contact hole.

20. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 10, further comprising an ohmic contact pattern interposed between ~~said~~ the semiconductor pattern and ~~said~~ the data line assembly.

21. (Currently Amended) The ~~liquid crystal display~~ LCD of claim 20, wherein the ohmic contact pattern has the same shape as the plurality of data lines.

22. (Currently Amended) A method for fabricating a liquid crystal display (LCD), comprising ~~the~~ steps of:

forming a gate line assembly and a common line assembly on an insulating substrate, the gate line assembly comprising gate lines and gate electrodes, and the common line assembly comprising common electrodes;

forming a gate insulating layer on the substrate covering the gate line assembly and the common line assembly;

forming a semiconductor pattern and a light interception pattern, both formed of the same material, on the gate insulating layer;

forming a data line assembly on the gate insulating layer, the data line assembly comprising a source electrode and drain electrode, and a plurality of data lines; and

forming a pixel electrode.

23. (Previously Presented) The method of claim 22, wherein the data line assembly is formed on the same plane as the pixel electrodes.

24. (Previously Presented) The method of claim 23, wherein the light interception pattern, the semiconductor pattern, the data line assembly and the pixel electrode are patterned by photoresist patterns.

25. (Previously Presented) The method of claim 24, wherein the photoresist patterns comprise:

a first pattern with a predetermined thickness placed at a channel portion between the source and the drain electrodes as well as at the light interception pattern,

a second pattern having a thickness larger than the thickness of the first pattern, and

a third pattern having a thickness smaller than the thickness of the first pattern.

26. (Previously Presented) The method of claim 25, wherein the photoresist patterns are formed by a single mask.

27. (Currently Amended) The method of claim 26, wherein ~~said~~ the steps of forming the semiconductor pattern, the light interception pattern, the data line assembly and the pixel electrode, ~~further~~ comprise ~~the~~ steps of:

sequentially depositing a semiconductor layer and a conductive layer on the gate insulating layer;

coating a photoresist film onto the conductive layer;

exposing the photoresist film to light through the mask;

developing the photoresist film to form the photoresist patterns, the second photoresist pattern being placed over the data line assembly;

etching the conductive layer under the third photoresist pattern and the underlying semiconductor layer to form the semiconductor pattern and the light interception pattern;

removing the first photoresist pattern through ashing;

etching the conductive layer the second photoresist pattern as mask to complete the data line assembly and the pixel electrodes; and

removing the remaining photoresist pattern.

28. (Previously Presented) The method of claim 27, wherein the semiconductor pattern has the same shape as the data line assembly except for the channel portion between the source electrode and the drain electrode.

29. (Previously Presented) The method of claim 28, wherein the light interception pattern, the semiconductor pattern and the data line assembly are formed by a photoresist pattern.

30. (Currently Amended) The method of claim 29, wherein the photoresist pattern comprises:

a first pattern with a predetermined thickness placed at the channel portion between the source electrode and the drain electrode;

a second pattern having a thickness larger than the thickness of the first pattern; and

a third pattern having a thickness smaller than the thickness of the first pattern.

31. (Previously Presented) The method of claim 30, wherein the photoresist pattern is formed by a single mask.

32. (Currently Amended) The method of claim 31, wherein ~~said~~ the step of forming the semiconductor pattern, the light interception pattern, and the data line assembly further comprises steps of:

sequentially depositing a semiconductor layer and a conductive layer on the gate insulating layer;

coating a photoresist film onto the conductive layer;

exposing the photoresist film to light through the mask;

developing the photoresist film to photoresist patterns, the second photoresist pattern being placed over the data line assembly;

etching the conductive layer under the third photoresist pattern and the underlying semiconductor layer to form the semiconductor patterns and the light interception patterns;

removing the first photoresist pattern through etch back, and etching the second photoresist pattern;

etching the conductive layer using the second photoresist pattern as mask to complete the data line assembly; and

removing the remaining photoresist pattern.

33. (Previously Presented) The method of claim 32, wherein the pixel electrode and is formed on the plane different from the data line assembly are formed on different planes.

34. (Previously Presented) The method of claim 33, further comprising ~~the step~~ steps of:

forming a protective layer after forming the data line assembly to cover the data line assembly; and

forming the pixel electrodes on the protective layer.

35. (Currently Amended) A liquid crystal display (LCD), comprising:
a gate line formed on a substrate;
a data line insulated from and intersecting ~~said~~ the gate line;
a semiconductor layer comprising a semiconductor pattern and a light interception pattern ~~formed disposed on a single plane the same layer~~;

a thin film transistor connected to ~~said~~ the gate line and ~~said~~ the data line, ~~said~~ the thin film transistor including the semiconductor pattern; and

a field-generating electrode having a portion laterally spaced apart from ~~said~~ the data line with a gap therebetween,

wherein the light interception pattern overlaps the gap.

36. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 35, wherein ~~said~~ the light interception pattern and ~~said~~ the data line overlap each other, and ~~said~~ the light interception pattern and ~~said~~ the field-generating electrode overlap each other.

37. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 35, wherein the semiconductor layer is connected to ~~said~~ the light interception pattern.

38. (Currently Amended) The ~~liquid-crystal display~~ LCD of claim 35, wherein ~~said~~ the light interception pattern is wider than ~~said~~ the data line.